



Substitute Form 1449A (Rev. 10/2003)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 3

Application Number	10/622,583
Filing Date	July 21, 2003
First Named Inventor	Walter G. Sc tt
Art Unit	2834
Examiner Name	Budd, Mark Osborne
Attorney Docket Number	1823.0150008

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (If Known)			
MS	AA1	US-4,316,115	02-16-1982	Wilson <i>et al.</i>	1
	AB1	US-4,394,773	07-19-1983	Ruell	1
	AC1	US-4,499,394	02-12-1985	Koal	1
	AD1	US-4,539,554	09-03-1985	Jarvis <i>et al.</i>	1
	AE1	US-4,555,953	12-03-1985	Dario <i>et al.</i>	1
	AF1	US-4,643,028	02-17-1987	Kondo <i>et al.</i>	1
	AG1	US-4,709,342	03-21-1989	Ratzlaff <i>et al.</i>	1
	AH1	US-4,814,661	03-21-1989	Ratzlaff <i>et al.</i>	1
	AI1	US-4,849,668	07-18-1989	Crawley <i>et al.</i>	1
	AJ1	US-5,055,838	10-08-1991	Wise <i>et al.</i>	1
	AK1	US-5,224,174	06-29-1993	Schneider <i>et al.</i>	1
	AL1	US-5,273,045	12-28-1993	Chihara <i>et al.</i>	1
	AM1	US-5,311,095	05-10-1994	Smith <i>et al.</i>	1
	AN1	US-5,339,051	08-16-1994	Koehler <i>et al.</i>	1
	AO1	US-5,365,154	11-15-1994	Schneider <i>et al.</i>	1
	AP1	US-5,421,335	06-06-1995	Wild	1
	AQ1	US-5,424,596	06-13-1995	Mendenhall <i>et al.</i>	1
	AR1	US-5,456,256	10-10-1995	Schneider <i>et al.</i>	1

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code* Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T*
MS	BA1	DE 19750179 A1	02-25-1999	Hahn-Jose		
	BB1	EP 0649116 A1 and B1	04-19-1995	Tamori		
	BC1	JP 7-059769	03-07-1995	Toshiro <i>et al.</i>		
	BD1	JP 8-336534	12-24-1996	Takeshi		
	BE1	WO01/18740 A1	03-15-2001	Schneider <i>et al.</i>		
	BF1	WO01/19016 A1	03-15-2001	Schneider <i>et al.</i>		

Examiner Signature	Date Considered
	5-jer-04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. *Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Substitute for form 1449B/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/622,583
		Filing Date	July 21, 2003
		First Named Inventor	Walter G. Scott
		Art Unit	2834
		Examiner Name	Budd, Mark Osborne
		Attorney Docket Number	1823.0150008
Sheet	3	of	3

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published	T ²
W	CA1	Schneider <i>et al.</i> , "Live Scan Fingerprint Imagery Using High Resolution C-Scan Ultrasonography," <i>Proceedings of the 25th Annual 1991 IEEE Int'l Carnahan Conference on Security Technology</i> , IEEE, October 1-3, 1991, Taipei, Taiwan, pp. 89-95.	
	CB1	Patent Abstract of Japanese Publication Number 08336534, Japanese Patent Office, 1 page (December 1996).	
	CC1	Patent Abstract of Japanese Publication Number 07059769, Japanese Patent Office, 1 page (March 1995).	
	CD1	DIALOG File 349 (PCT FULL TEXT) (1 page) English Language abstract of Patent WO 9910874, published March 4, 1999.	
	CE1	DIALOG File 349 (PCT FULL TEXT) (1 page) English Language abstract of Patent DE 19750179 A1, published February 25, 1999.	
	CF1	Davidson, R. and Smith, S., "Two-Dimensional Array for Medical Ultrasound Using Multilayer Flexible Circuit Interconnection," <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , IEEE, Vol. 45, No. 2, pp. 338-348 (March 1998).	
W	CG1	Roethenbaugh, Gary, "Biometrics Explained," <i>International Computer Security Association</i> , Vol. 2.0, pp. 1-34 (1998)	

Examiner Signature	WALTER G. BUDD PRIMARY EXAMINER ART UNIT 219	Date Considered	5-22-04
--------------------	--	-----------------	---------

*EXAMINER: Initial if reference, considered, whether or not citation is in conformance with M PEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
¹Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449A/PTO

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet	2	of	3
-------	---	----	---

Complete if Known	
Application Number	10/622,583
Filing Date	July 21, 2003
First Named Inventor	Walter G. Scott
Art Unit	2834
Examiner Name	Budd, Mark Osborne
Attorney Docket Number	1823.0150008

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
MOS	AA2	US-5,500,635	03-19-1996	Mott	
	AB2	US-5,515,738	05-14-1996	Tamori	
	AC2	US-5,552,274	09-03-1996	Oyama <i>et al.</i>	
	AD2	US-5,578,761	11-26-1996	Clark, Jr. <i>et al.</i>	
	AE2	US-5,587,533	12-24-1996	Schneider <i>et al.</i>	
	AF2	US-5,623,930	04-29-1997	Wright <i>et al.</i>	
	AG2	US-5,647,364	07-15-1997	Schneider <i>et al.</i>	
	AH2	US-5,689,576	11-18-1997	Schneider <i>et al.</i>	
	AI2	US-5,760,530	06-02-1998	Kolesar	
	AJ2	US-5,844,287	12-01-1998	Hassan <i>et al.</i>	
	AK2	US-5,935,071	08-10-1999	Schneider <i>et al.</i>	
	AL2	US-5,971,927	10-26-1999	Mine	
	AM2	US-6,111,342	08-29-2000	Muramatsu <i>et al.</i>	
	AN2	US-6,296,610 B1	10-02-2001	Schneider <i>et al.</i>	
	AO2	US-6,461,314 B1	10-08-2002	Pant <i>et al.</i>	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code* Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
MOS	BA2	WO01/67383 A1	09-13-2001	Koo		
	BB2	WO01/91626 A2	12-06-2001	Currie <i>et al.</i>		
	BC2	WO02/12660 A1	02-14-2002	Koo		
	BD2	WO02/48485 A1	06-20-2002	Koo		
	BE2	WO03/15011 A1	02-20-2003	Koo		

Examiner Signature: MARK OSBORNE BUDD	Date Considered	5-22-04
--	-----------------	---------

*EXAMINER: Initial if reference is considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation designation number (optional). *See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.